

JOHNS HOPKINS UNIVERSITY		ZANVYL KRIEGER SCHOOL OF ARTS & SCIENCES Baltimore, MD 21218 www.jhu.edu/registrar			UNDERGRADUATE INTERNAL TRANSCRIPT	
Student Name Mehrle, Nicholas Freeman		Hopkins ID 897043	Date of Birth 09/08/xxxx	JHU Degree and Date Conferred xxxxx		Date Printed 2/14/2016
Year of Study Senior	Major Physics	Advisor Heckman, Timothy Martin				Page 1 of 3
Other Major(s) Mathematics;Applied Mathematics and Statistics			Minor(s) xxxxx			

DIV	DEPT	CRSE #	COURSE TITLE	CRSE AREA	GRADE	CREDITS	GPA CREDITS	GPA PTS
-----	------	--------	--------------	-----------	-------	---------	-------------	---------

Fall 2012

Advanced Placement Examination

APPM	Statistics	EN.550.111	EQ			4.0		
BIOL	Biology (Lab I Waived)	AS.020.151	N			4.0		
BIOL	Biology (Lab II Waived)	AS.020.152	N			4.0		
CHEM	Chemistry	AS.030.101	N			3.0		
CHEM	Chemistry Lab	AS.030.105	N			1.0		
CHEM	Chemistry	AS.030.102	N			3.0		
CHEM	Chemistry Lab	AS.030.106	N			1.0		
CSCI	Comp Sci A	EN.600.107	E			3.0		
EART	Env. Science	TR.270.100	N			4.0		
ECON	Econ - Mac	AS.180.101	S			3.0		
MATH	Calculus BC	AS.110.108	Q			4.0		
MATH	Calculus BC	AS.110.109	Q			4.0		
PHYS	Physics C- Mech (Lab I waived)	AS.171.101	EN			4.0		
PHYS	Physics C - E&M (Lab II waived)	AS.171.102	EN			4.0		
ECON	Econ - Mic	AS.180.102	S			3.0		
TOTAL						49.0		

Fall 2012

Biomedical Eng

AS	CHEM	030.205	Organic Chemistry I	N	S	4.0	0.0	0.0
AS	EART	270.103	Intro - Global Environmental Change	N	S	3.0	0.0	0.0
AS	MATH	110.211	Honors Multivariable Calculus	Q	S	4.0	0.0	0.0
AS	PHYS	171.201	Special Relativity/Waves	EN	S	4.0	0.0	0.0
EN	BMED	580.111	BME Modeling & Design	EN	S	2.0	0.0	0.0
TERM GPA			0.00	TOTAL		17.0	0.0	0.0
CUM GPA			0.00	TOTAL		17.0		
Dean's List								

Intersession 2013

Biomedical Eng

AS	COGS	050.124	LaTeX to write academic papers	NS	S	1.0	0.0	0.0
EN	CSCI	600.220	Malware: Past and Present	E	S	1.0	0.0	0.0
TERM GPA			0.00	TOTAL		2.0	0.0	0.0
CUM GPA			0.00	TOTAL		19.0		

Spring 2013

Pre-Major

AS	MATH	110.302	Diff Equations/Applic	Q	A	4.0	4.0	16.0
AS	PHYS	171.202	Modern Physics	N	A	4.0	4.0	16.0
AS	PHYS	171.204	Classical Mechanics II	N	A	4.0	4.0	16.0
EN	APPM	550.171	Discrete Mathematics	Q	A	4.0	4.0	16.0
EN	CSCI	600.120	Intermediate Programming	E	A-	4.0	4.0	14.8
TERM GPA			3.94	TOTAL		20.0	20.0	78.8
CUM GPA			3.94	TOTAL		39.0		
Dean's List								

Summer 2013

Physics

AS	MATH	110.201	Online Linear Algebra	Q	A-	4.0	4.0	14.8
TERM GPA			3.70	TOTAL		4.0	4.0	14.8
CUM GPA			3.90	TOTAL		43.0		

Fall 2013

Physics

AS	ECON	180.261	Monetary Analysis	S	A-	3.0	3.0	11.1
AS	MATH	110.401	Advanced Algebra I	Q	A+	4.0	4.0	16.0
AS	PHYS	171.301	Electromag Thry II	N	A-	4.0	4.0	14.8

JOHNS HOPKINS UNIVERSITY		ZANVYL KRIEGER SCHOOL OF ARTS & SCIENCES Baltimore, MD 21218		www.jhu.edu/registrar		UNDERGRADUATE INTERNAL TRANSCRIPT	
Student Name Mehrl, Nicholas Freeman		Hopkins ID 897043	Date of Birth 09/08/xxxx	JHU Degree and Date Conferred xxxxx		Date Printed 2/14/2016	
Year of Study Senior	Major Physics	Advisor Heckman, Timothy Martin				Page 2 of 3	
Other Major(s) Mathematics;Applied Mathematics and Statistics			Minor(s) xxxxx				

DIV	DEPT	CRSE #	COURSE TITLE	CRSE AREA	GRADE	CREDITS	GPA CREDITS	GPA PTS
AS	PHYS	171.303	Quantum Mechanics I	N	A+	4.0	4.0	16.0
AS	PHYS	171.323	Physics of Human Energy Use	N	A	3.0	3.0	12.0
EN	APPM	550.420	Intro to Probability	EQ	A	4.0	4.0	16.0
			TERM GPA			3.90		
			CUM GPA			3.90		
			Dean's List					
			Physics					
Spring 2014								
AS	ECON	180.385	Evolution and Economics	S	B+	3.0	3.0	9.9
AS	MATH	110.417	Partial Diff Equations	Q	A-	4.0	4.0	14.8
AS	PHYS	171.304	Quantum Mechanics II	N	A	4.0	4.0	16.0
AS	PHYS	171.410	Physical Cosmology	N	A+	3.0	3.0	12.0
AS	PHYS	173.308	Advanced Physics Lab	N	A	3.0	3.0	12.0
EN	APPM	550.453	Mathematical Game Theory	EQ	A	4.0	4.0	16.0
			TERM GPA			3.84		
			CUM GPA			3.88		
			Dean's List					
			Physics					
Fall 2014								
AS	ECON	180.301	Microeconomic Theory	S	A-	4.5	4.5	16.7
AS	PHYS	171.312	Stat Physics/Thermodyn	N	A	4.0	4.0	16.0
AS	PHYS	171.605	Quantum Mechanics		A+	4.0	4.0	16.0
AS	PHYS	171.621	Condensed Matter Physics		A+	3.0	3.0	12.0
AS	PHYS	172.203	Contemporary Phys Sem	N	B	1.0	1.0	3.0
EN	APPM	550.361	Introduction to Optimization	EQ	A	4.0	4.0	16.0
			TERM GPA			3.89		
			CUM GPA			3.88		
			Dean's List					
			Physics					
Spring 2015								
AS	PHYS	171.502	Undergrad Independ Rsrch	S		0.0	0.0	0.0
			TERM GPA			0.00		
			CUM GPA			3.88		
			This course is not assigned credit.					
			Physics					
Fall 2015								
AS	MATH	110.619	Lie Groups and Lie Algebras	Q	A+	4.0	4.0	16.0
AS	PHYS	171.503	Senior Thesis		MT	3.0	0.0	0.0
AS	PHYS	171.699	Planets, Life and the Universe		A+	3.0	3.0	12.0
AS	PHYS	171.701	Quantum Field Theory		A	3.0	3.0	12.0
EN	APPM	550.385	Sci Comp: Linear Algebra	EQ	A+	4.0	4.0	16.0
EN	PCOM	661.250	Oral Presentations		A	3.0	3.0	12.0
			TERM GPA			4.00		
			CUM GPA			3.90		
			Dean's List					
			Physics					
Intersession 2016								
EN	GEOE	570.413	Energy 104	ES	S	1.0	0.0	0.0
			TERM GPA			0.00		
			CUM GPA			3.90		
			Dean's List					
			Physics					
Spring 2016								
AS	EART	270.423	Planetary Atmospheres	N	X	0.0	0.0	0.0
AS	MATH	110.405	Analysis I	Q	X	0.0	0.0	0.0
AS	PHYS	171.504	Senior Thesis		X	0.0	0.0	0.0

JOHNS HOPKINS UNIVERSITY		ZANVYL KRIEGER SCHOOL OF ARTS & SCIENCES Baltimore, MD 21218 www.jhu.edu/registrar		UNDERGRADUATE INTERNAL TRANSCRIPT	
Student Name Mehrle, Nicholas Freeman		Hopkins ID 897043	Date of Birth 09/08/xxxx	JHU Degree and Date Conferred xxxxxx	Date Printed 2/14/2016
Year of Study Senior	Major Physics	Advisor Heckman, Timothy Martin			Page 3 of 3
Other Major(s) Mathematics;Applied Mathematics and Statistics			Minor(s) xxxxxx		

DIV	DEPT	CRSE #	COURSE TITLE	CRSE AREA	GRADE	CREDITS	GPA CREDITS	GPA PTS
AS	PHYS	171.625	Experimental Particle Physics		X	0.0	0.0	0.0
AS	PHYS	171.732	Elementary Particle Physics		X	0.0	0.0	0.0
EN	APPM	550.430	Introduction to Statistics	EQ	X	0.0	0.0	0.0
EN	MECH	530.432	Jet & Rocket Propulsion	E	X	0.0	0.0	0.0
			TERM GPA	0.00	TOTAL	0.0	0.0	0.0
			CUM GPA	0.00	TOTAL	127.5		
			CUMULATIVE GPA 3.90		TOTAL	104.5		
			CUMULATIVE DEGREE CREDITS		TOTAL	176.5		
			TOTAL D/D+ CREDITS			0.0		
			TOTAL AP & TRANSFER CREDITS			49.0		

Advisors:

Breckenridge, Adriene 01/28/2013

Robinson, Daniel P 09/03/2013

Mese, Chikako 08/28/2014

Levchenko, Andre 09/04/2012 - 01/06/2013 - (Primary Advisor)

Zhang, Kechen 01/07/2013 - 01/27/2013 - (Primary Advisor)

Heckman, Timothy Martin 05/28/2013 - (Primary Advisor)

General Honors

*****End Of Transcript*****